

Single-cell/-nucleus processing for sc/snRNA-seq

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 An abbreviated version of this protocol was published in eLIFE in Sep 2021

Single-cell and single-nucleus RNA-seq uncovers shared and distinct axes of variation in dorsal LGN neurons in mice, non-human primates, and humans

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Detailed protocol

A detailed protocol for isolation of nuclei from tissue specimens can be found here:

<https://dx.doi.org/10.17504/protocols.io.ewov149p7vr2/v2>

A protocol detailing methods for SMART-seqv4 processing of samples for sc/snRNA-seq can be found here:

<https://dx.doi.org/10.17504/protocols.io.7d6hi9e>

How to cite: (Readers should cite both the Bio-protocol preprint and the original research article where this protocol was used)

1. Hodge, R. D. and Tasic, B. (2022). Single-cell/-nucleus processing for sc/snRNA-seq. Bio-protocol Preprint. bio-protocol.org/prep1908.
2. Bakken, T. E., van Velthoven, C. T., Menon, V., Hodge, R. D., Yao, Z., Nguyen, T. N., Graybuck, L. T., Horwitz, G. D., Bertagnolli, D., Goldy, J., Yanny, A. M., Garren, E., Parry, S., Casper, T., Shehata, S. I., Barkan, E. R., Szafer, A., Levi, B. P., Dee, N., Smith, K. A., Sunkin, S. M., Bernard, A., Phillips, J., Hawrylycz, M. J., Koch, C., Murphy, G. J., Lein, E., Zeng, H. and Tasic, B. (2021). Single-cell and single-nucleus RNA-seq uncovers shared and distinct axes of variation in dorsal LGN neurons in mice, non-human primates, and humans. eLIFE. DOI: [10.7554/eLife.64875](https://doi.org/10.7554/eLife.64875)

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